

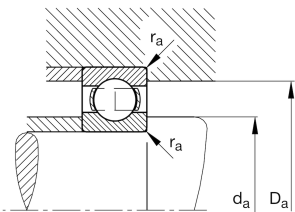
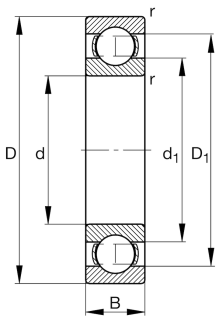
FAG

6226-M-J20AA-C3

Deep groove ball bearing

Deep groove ball bearing 62...-M-J20AA,
single row, solid brass cage, ceramic coated

Technical information



Your current product variant

Sealing	Without	Not sealed
Cage	M	Solid brass cage, rolling element guided
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Coating	J20AA	current insulation, outer ring ceramic coated
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	230 mm	Outside diameter
B	40 mm	Width
C _r	177,000 N	Basic dynamic load rating, radial
C _{0r}	146,000 N	Basic static load rating, radial
C _{ur}	7,700 N	Fatigue load limit, radial
n _G	5,000 1/min	Limiting speed
n _{gr}	3,900 1/min	Reference speed
≈m	7.3 kg	Weight



Mounting dimensions

d _{a min}	144 mm	Minimum diameter shaft shoulder
D _{a max}	216 mm	Maximum diameter of housing shoulder
r _{a max}	2.5 mm	Maximum fillet radius

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
D ₁	199.2 mm	Shoulder diameter outer ring
d ₁	161.42 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Calculation factors

f ₀	14.5	Calculation factor
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Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Current insulated